

DRYING METHOD FOR SELECTIVELY REMOVING VOLATILE COMPONENTS FROM WET COATINGS

Abstract

5 Method of selectively removing volatile components from a composition,
comprising coating the composition onto a first substrate surface of a substrate,
wherein the composition comprises a nonresident volatile component and a
resident volatile component. The method further includes positioning at least a
10 portion of the coated substrate between a condensing surface having a condensing
surface temperature and a heating surface having a heating surface temperature that
is greater than the condensing surface temperature, wherein the condensing surface
is in a spaced apart, confronting relationship to the coated surface of the substrate
and wherein the heated surface is in thermal contact with a second substrate
15 surface opposite the first substrate surface. In the method, the heated surface
temperature and the condensing surface temperature are such that the positioning
step causes the nonresident volatile component to be selectively removed from the
portion of the coated substrate. The method is suitable for forming transdermal
drug delivery compositions.